

Preliminary Amendment
Application No. 10/002,146
Attorney's Docket No. 010315-179
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extended effective length in a relatively small distance, and has a second portion, preferably a "pigtail", of substantially higher impedance than the first portion connected in series with the first portion. The first portion converts the antenna impedance to a low value and the second portion converts the low impedance to the impedance of the electrical circuitry module.

REMARKS

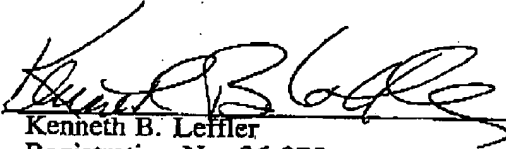
By way of the foregoing amendment to the specification, a typographical error has been corrected. No new matter has been introduced.

Early and favorable consideration with respect to this application is respectfully requested.

Should the Examiner have any questions, he is urged to contact the undersigned attorney at the number listed below.

Respectfully submitted,
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(10/01)

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Mark-up of Specification - Page 1

Attachment to Preliminary Amendment dated June 4, 2002

Mark-up of Specification

Page 2, Paragraph Beginning at Line 26:

Other reflective antennas are known: [EP 232 011] EP 323 011 for example, discloses a transponder, which receives signals from a reader, modulates them, and reflects them back to a reader to pass the information contained in the transponder to the reader.

First conductive material is disposed on the first surface of the dielectric member at a first end of the member. Second conductive material on the second opposite surface of the dielectric member at the second end of the member defines a dipole with the first material. The second material is preferably triangular in configuration. An electrical circuitry on the dielectric member produces reflected signals modulated at a particular frequency from the signal transmitted by the reader to pass information contained in the transponder to the reader. The dipole is electrically coupled with the conductive material and enhances an impedance match between the dipole and electrical circuitry.

The conductive material has a first low impedance portion split into two parts connected in parallel to provide an extended effective length in a relatively small distance, and has a second portion, preferably a "pigtail", of substantially higher impedance than the first portion connected in series with the first portion. The first portion converts the antenna impedance to a low value and the second portion converts the low impedance to the impedance of the electrical circuitry module.